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1. .1377
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LTCEATWGHLYRTHYTTYTCASGSSEMKKPLSTLTIDGVTRSDGGLYTCAASSGLM
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TKKNSTFVRYHEKDKTHTPCPPCPAPELLGGSSWFKFLSTLTIDGVTRSDGGLYTCVVVD
VSHEDPBTKFNWYTDCPVCTAPEPPLAGGSSWFKFLSTLTIDGVTRSDGGLYTCVVVD
SNKALDAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGPYPSDIAVEM
ESNGQPENNYYTTPPVLDSDGSFFLYSKLTVDKSRWQGNVFSCSVMHEALHNHYTQK
SLSLSPGK"
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AX56959 Sequence
AX709558 Sequence
AX70958 Sequence
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BD01333 Novel pep
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AX62591 Sequence
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Sequence
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Best Local Similarity 100.0%; Pred. No. 6.2e-310;
Matches 1377; Conservative 0; Mismatches 0; Indels 0;
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Patent: WO 0075319-A 15 14-DEC-2000;
REGENERON PHARMACEUTICALS, INC. (US)
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AX056749
AX056749.1 GI:12309728
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BD013336
BD013337
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AX616608
AX616908
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TITLE
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                                                                                                                                                                                                        August 26, 2005, 21:08:15; Search time 6122.4 Seconds
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                            GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                            - nucleic search, using sw model
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AXOS 6747
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Maximum DB seq length: 200000000
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9b htg: *
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| | RESULT 2 AXO56745 LOCUS DEFINITION Sequence 11 from Patent W00075319. ACCESSION AXO56745.1 G1:12309724 KEYWORDS ORGANISM Homo sapiens (human) ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. TITLE MODELIES MODIFIED TITLE AUTHORS AXO56745.1 AUTHORS AND Sapiens Authoria; Monidae; Homo. TITLE AUTHORS MODIFIED DEFORMED 1 AUTHORS AND Sapiens AUTHORS AUTHORS MODIFIED DEFORMED 1 AUTHORS MODIFIED DEFORMED DE | JOURNAL Patent: WO 007519-A 11 14-DEC-2000; REGENERON PHARMACEUTICALS, INC. (US) FEATURES Location/Qualifiers lource /organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606" /db_xref="taxon:9606" /codon_start=1 /protein_id="CAC22377.1" /db_xref="G1:12309725" /translation="MVSYWDTGVLLCALLSCLLTGSSSGGRPFVEMYSEIPEIIHMT EGRELVIPECYTSPNITYTEPLYDTNIIDGVTRSDGGLYCC EATVNGHLYKTNYLTHROUTHINDENGELSURESULVENTERENGUEN WEYPSSKIGHKKLVNNUDDENGSGSEMKKELSTLTIDGYTRSDGGLYCCHU WEYPSSKIGHKKLVNNUDDENGSGSEMKKELSTLTIDGYTRSDGGLYTCRAASSGLMTKK NUTFURDNENGENGENGENGENGENGENGENGENGENGENGENGENG | SHKALPARIETISKACPREGGINGLING SHKALPARIETISKACPREGGINGER SHKALPARIETISKACPREGGINGLING SHKALPARIETISKACPREGGINGER SHSLEPGK" STATE STATE STATE SHORT Ducty Match |
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GQPENNYKTTPPVLDSDGSFPLYSKLTVDKSRWQQGNVFSCSVWHEALHNYTQKSLS
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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CCAGCACCTGAACTCCTGGGGGGACGGTCAGTCTTCCTCTTCCCCCCAAAACCCAAAGGAC
                                                                                                                                                                                                                                                                                                         ACCCTCATGATCTCCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGACGTGAGCCACGAA
                                                                                                                                                                                                                                                                                                                                                     GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGTGCATAATGCCAAGACA
                                                                                                                                                                                                                                                                                                                                                                                                GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGCAGCCCCGAGAAACCACGGGTAC
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                                              CTTAGAGGCCATACTCTTGTCCTCAATTGTACTGCTACCACTCCCTTGAACACGAGGTT
                                                                          GACTICAACTGGGAATACCCTICTICGAAGCATCAGCATAAGAAACTIGTAAACGAGAC
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                                                                                                                    CTAAAAACCCAGTCTGGGAGTGAAGAAATTTTTGAGCACCTTAACTATAGATGGT
                                                                                                                                       TACAGTGTTCTTACTATTGACAAATGCAGAACAAAGACAAAGGACTTTATACTTGTCGT
                                                                                                                                                               GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG
                                                                                                                                                                                   GTAA---GGAGTGGACCATCATTCAAATCTGTTAACACCTC----AGTGCATATATAT
                                                                                                                                                                                                       AAGAACAGCACATTTGTCAGGGTCCATGAAAAGGACAAAACTCACACATGCCCACCGTGC
                                                                                                                                                                                                                             643 GATAAAGCAGGCCCGGGGGGGCCCAAATCTTGTGACAAAACTCACACATGCCCACCGTGC
                                                                                                                                                                                                                                                                         ccadcaccrdaacrccrddgggggaccgrcagrcrrccrcrrrcccccaaaacccaaggac
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PAT 17-JAN-2001

linear

DNA

AXO56741 1389 bp Sequence 7 from Patent WO0075319. AXO56741

RESULT 5
AX056741
LOCUS
DEFINITION
ACCESSION

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/db_xref="GI:12309721"
/translation="MYSYMDTGVILCALLSCLLLTGSSSGGRPFVEMYSEIPBIIHMT
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WSYPDEKNKRASVRRRIDQSNSHANIFYSVLTIDKMQNKDKGLYTCRVRSGPSFKSVN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TSVHIYDKAGFGEPKSCDKTHTCPPCPAPBLLGGPSVFLFPPKPKDTLMISRTPEVTC VVUDVSHEDPEVKFWYVDGVEVHANKTKPREBQYNSTYRVVSVLTVLHQDWLNGKEY KCVSUKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNOVSLTCLVKGFVPSDI AVERESNGPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQGNVFSCSVWHEALHNH YTQKSLSLSPGK
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                                                                                                                                        Papadopoulos, N.J., Davis, S. and Yancopoulos, G.D.
Modified chimeric polypeptides with improved pharmacokinetic
properties
Patent: WO 0075319-A 7 14-DEC-2000;
REGENERON PHARMACEUTICALS, INC. (US)
Location/Qualifiers
1. 1389
/ organism="Homo sapiens"
/ mol_Lype="unassigned DNA"
/ db_xref="taxon:9606"
1. 1389
                                                              Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Butele
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 1.2e-229;
0; Mismatches 161;

    1389
    note="unnamed protein product"

  GI:12309720
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Best Local Similarity 85.5%;
Matches 1201; Conservative
                                            sapiens (human)
AX056741.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAAACCGAGACCTAAAAAACCCCAGTCTGGG
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Papadopoulos, N.J., Davis, S. and Yancopoulos, G.D. Modified chimeric polypeptides with improved pharmacokinetic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                               1. .1674
| organism="Homo sapiens" |
| nol type="unassigned DNA" |
| db xref="taxon:9606" |
| . .1674 |
| note="unamed protein product" |
| codon start=1 |
| protein id="CAC22373.1" |
| db xref="GI:12309717"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        71.7%; Score 987.4; DB 6; llarity 86.1%; Pred. No. 3.6e-219; Conservative 0; Mismatches 171;
                                                      properties
Patent: WO 0075319-A 3 14-DEC-2000,
REGENERON PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 1119; Conserv
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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AGGTLHLQCRGAAHKWSLPEMVSKEBERLGITKÄGCRNGGYGCTLTLTAQANHT
GPYSCKYLAVPTSKKGFTESATIFIPSDTGRPPVEMYSEIPEIIHMTGGRELVIPCRV
GPYSCKYLAVPTSKKGFTESATIFIPSDTGRPPVEMYSEIPEIIHMTGGRELVIPCRV
NYLTHRQTNTIIDVQISTPRPVKLLRGHTLVLACTATTPLATFQLATCBATVNGHLKR
NYLTHRQTNTIIDVQISTPRPVKLLRGHTLVLACTATTPLATFRYQMTWSYPIFYKRAA
SVRRXIDQSNSHANIFSSVLTIDKOMYNKGLYTCRNSGGPSKSVNTSVHIYDKAGP
GEPKSCHKTTTCPPCPAFELLGGPSVLTPPRKPKDTLMISRTFEVTCVVVDVSHEDPE
VKFNWYVDGVBVHNAKTKPREEQYNSTYRVVSVLTVLHQDMLNGKEYKCKVSNKALPA
PIBKTISKAKGQPREPQVYTLPPRKQTKGVSVLTCLVKGFYPSDIAVBWSNGQPE
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Modified chimeric polypeptides with improved pharmacokinetic
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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| Qy 892 GCCAAGACAAAGCCGCGGGAGGAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC 951 L | OY 952 ACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCCAACAAA 1011 | OY 1012 GCCTCCCAGCCCCATCGAGAAACCATCTCCAAAGCCAAGGCAGCCCCGAGAACCA 1071 | OY 1072 CAGGTGTACACCCGCCCCATCCCGGGATGAGCTGACCAGGACCAGGTCAGCCTGACC 1131 | QY 1132 TGCCTGGTCAAAGGCTTCTATCCCAGCACATCGCCGTGGAGTGGGAGAGCAATGGCAAG 1191 Db 1459 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGTGGGAGAGCAATGGGCAG 1518 | Oy 1192 CCGARGAACAACAACAACGCCTCCCGTGCTGGACGCCTCCTTCTTCTC 1251 | QY 1252 TACAGCAAGCTCACCGTGGACAAGACCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1311 Db 1579 TACAGCAAGCTCACGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC 1638 | OY 1312 GTGATGCATGAGGCTCTGCACAACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT 1371 | Oy 1372 AAATGA 1377 | RESULT 8 | AX056735 | ON Sequence 1 N AX056735 AX056735.1 | SOURCE ORGANISM Homo sapiens (human) ORGANISM Homo sapiens | Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo. | KEFEKENLE 1 AUTHORS Papadopoulos, N.J., Davis, S. and Yancopoulos, G.D. TITLE Modified chimeric polypeptides with improved pharmacokinetic | JOURNAL Patent: WO 0075319-A 1 14-DEC-2000; REGENERON PHARMACEUTICALS, INC. (US) PEATURES Location/Oualifiers | rce | CDS 11704 /note="unnamed protein product" | /codon_start=1 /protein_id=(R4C22372.1" /Ab_xref==07.1230915." | /translation="MVSYWDTGVLLCALLSCLLLTGSSSGSKLKDPELSLKGTQHIMQ AQQTHLQCRSAAHKWSTENERISITKSGCRNGKGCSTLTTHAQANHT CENSCRVCTALL AUDROCKTATION AND ADDITIONAL OF THE CONTRIBUTION OF THE THREED AND A THE CONTRIBUTION OF THE CONTRIBUTION | TSPNITVTIKKFPLDTLIPDGKRIIMDSRKGFIISMTYKEIGLITCEATVUGHLYKT NYITHROTVTIKKFPLDTLIPDGKRIIMDSRKGFIISMTYKEIGLITCEATVUGHLYKT | |

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1352 AGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1383
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Greve, J.M. and McClelland, A.
Antiviral methods
Patent: US 6130202-A 14 10-OCT-2000;
Location/Qualifiers
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/mol_type="unassigned DNA"
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                                                                                                                 1459 TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG
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                                                 CAGGIGIACACCCIGCCCCCATCCCGGGAIGAGCTGACCAAGAACCAGGTCAGCCTGACC
                                                                                                   TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG
                                                                                                                                                      CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC
                                                                                                                                                                    1579 TACAGCAAGCTCACCGTGBACAAGAGCAGGTGGCAGCAGGAGAACGTCTTCTCATGCTCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Roczniak, S., Dubois-Stringfellow, N.A. and Zolotorev, A. Method of regulating angiogenesis using ryk protein Patent: WO 0185789-A 17 15-NOV-2001;
Bayer Crporation (US)
Location/Qualifiers
1. .1383
/organism="synthetic construct"
/ Mol type="unasigned DNA"
/ Ab xrefe="taxon:35630"
/ note="fusion of human cDNA and Fc tag coding
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synthetic construct
other sequences; artificial sequences.
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                                                                                                                          TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                 CGTGTGGGTCACCCTCACCTGCTGCTGCACCACCAGGACTGCCTGAATGGCTACAAGGAGTACAAG
                                                                                                                                                                                                                                                                                                                                                                                                CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG
                                                                                                                                                                                          GGGCAGCCCCGAGAACCACGTGTACACCCTGCCCCATCCCGGGATGAGCTGACCAAG
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Human tumor necrosis factor receptor
Petent: WO 0238766-A 17 16-MAY-2002,
ZymoGenetics, Inc. (US)
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Sequence 17 from Patent WO0238766.
AX556168
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Location/Qualifiers
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GAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGGAACCAGGTCA
                                                                                                                                                                                                                                                     1790 GCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGAGTGGGAGGA
                                               GCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCT
                                                                 GCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGGTCCT
                                                                                                           CCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAAGGCCAGCCCC
                                                                                                                                 CCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGGGCAAAGGGCAGCCC
                                                                                                                                                                                                       GAGAACCACAGGIGIACACCCTGCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCA
                                                                                                                                                                                                                                    GCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown.
Unclassified.
1 (bases 1 to 705)
Cocksp.B.G., Stuart, S.G. and Seilhamer, J.J.
Compositions for the detection of blood cell and immunological
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC
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Pred. No. 1.6e-148;
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Patent: US 6607879-A 1223 19-AUG-2003;
Location/Qualifiers
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100.0%; Pred. No. 1.6
ive 0; Mismatches
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/organism="unknown"
/mol_type="genomic DNA"
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Matches 684; Conservative
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Euthoria; Primates; Catarrhini; Hominidae; Homo.

E 1 (bases 1 to 1019)
E 1 to 1019)
E 1 are M., Wong, S., Hickey, W.F., Hammang, J.P. and Baetge, E.E.
Cell surface molecule-induced macrophage activation
L Patent: JP 2002528078-A 1 03-SEP-2002;
NEUROTECH SA
OS Homo sapiens (human)
PN JP 2002528078-A/1
PD 03-SEP-2002
PF 21-OCT-1999 JP 2000578449
PR 22-OCT-1999 US 09/178869
PI WENG TAO, SHOU WONG, WILLIAM F HICKEY, JOSEPH P HAMMANG, EDWARD E PI BAETGE
                                                                                                                                                                                                                                                                                                         GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1113
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JP 2002528078-A/1
03-SEP-2002
21-OCT-1999 JP 2000578449
26-OCT-1999 US 09/178869
WENG TAO, SHOU WONG, WILLIAM P HICKEY, JOSEPH P HAMMANG, EDWARD B BAETGE
                  GACAAAACTCACACACATGCCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC
                                                                  TTCCTCTTCCCCCCAAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA
                                                                                                   508 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGAGGAGGAGGAGTACAACAGCAGGACG
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I (bases 1 to 1019)
S Tao, W., Wnog, S., Hickey, W.F., Hammang, J.P. and Baetge, E.Edward.
Cell surface molecule-induced macrophage activation
AL Patent: US 6197294-A 1 06-MAR-2001;
S Location/Qualifiers
Jurce /organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                                                                                           Unclassified.
Unclassified.
1 (bases 1 to 1019)
1 (bases 1 to 1019)
1 wong, S., Halckey, W.F., Hammang, J.P. and Baetge, B.E. Cell surface molecule-induced macrophage activation Patent: US 6506891-A 1 14-JAN-2003;
Location/Qualifiers
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                                                DNA
                                          Sequence 1 from patent US 6506891.

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    organism="unknown"
    mol_type="genomic DNA"

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100.0%; Pred. No. 1.7e-148;
tive 0; Mismatches 0; Indels
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Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

August 26, 2005, 20:54:45; Search time 787.087 Seconds (without alignments) 10356.518 Million cell updates/sec Run on:

l atggtcagctactgggacac......ccctgtctccgggtaaatga 1377 US-10-009-852-15 1377 Title: Perfect score: Sequence:

Scoring table:

IDENTITY NUC Gapop 10.0 , Gapext 1.0

4390206 seqs, 2959870667 residues Searched:

8780412 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

N_Geneseq_16Dec04:* Database :

geneseqn2003cs:* geneseqn2003ds:* geneseqn2004as:* geneseqn2004bs:* geneseqn2001as:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

| | Description | Aaa91076 Flt1 rece | Abq74610 Modified | | | Aaa91075 Flt1 rece | Abq74609 Modified | | | | | Aaa91070 Flt1 rece | Abq74604 Mutation | Aaa91073 Flt1 rece | Abq74607 Mutation | Aaa91077 Flt1 rece | | Aal56122 Plasmid p | Ado10510 Kb/EPO/Ig | Aal56123 Plasmid p | |
|-----------|--------------------------|--------------------|-------------------|----------|----------|--------------------|-------------------|----------|----------|----------|----------|--------------------|-------------------|--------------------|-------------------|--------------------|----------|--------------------|--------------------|--------------------|----------|
| SUMMARIES | 110 | AAA91076 | ABQ74610 | AAA91074 | ABQ74608 | AAA91075 | ABQ74609 | AAA91071 | ABQ74605 | AAA91072 | ABQ74606 | AAA91070 | ABQ74604 | AAA91073 | ABQ74607 | AAA91077 | ABQ74603 | AAL56122 | AD010510 | AAL56123 | AD010512 |
| | 08 | 2 | v | ហ | 9 | 'n | ø | Ŋ | 9 | S | 9 | Ŋ | 9 | S | 9 | 'n | 9 | 10 | 12 | 10 | 12 |
| | Query Match Length DB | 1377 | 1377 | 1453 | 1453 | 1444 | 1444 | 1359 | 1359 | 1389 | 1389 | 1674 | 1674 | 1704 | 1704 | 1704 | 1704 | 1290 | 1290 | 1299 | 1299 |
| *. | Match | 100.0 | 100.0 | 96.5 | 96.5 | 76.2 | 76.2 | 75.5 | 75.5 | 75.0 | 75.0 | 71.7 | 71.7 | 71.3 | 71.3 | 71.2 | 71.2 | 49.9 | 49.9 | 49.9 | 49.9 |
| | Score | 1377 | 1377 | 1328.4 | 1328.4 | 1049.2 | 1049.2 | 1039 | 1039 | 1032.4 | 1032.4 | 987.4 | 987.4 | 982.4 | 982.4 | 8.086 | 980.8 | 687.8 | 687.8 | 687.8 | 687.8 |
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ALIGNMENTS

Nucleic acid molecule encoding mammalian phospholipid transfer protein, and its fragments, useful for diagnosis, evaluation, and treatment of diseases associated with the gene expression and for producing model Flt1 receptor fusion protein VEGFR1R2-FcDeltaC2 (a) coding sequence. Flt1 receptor; fusion protein; chimeric protein; pharmacokinetic; plasma leakage; vascular permeability; IgG Fc region; ss. Location/Qualifiers
1. .1377
/*tag= a
/product= "VEGFRIR2-FcDeltaC2(a)" Papadopoulos NJ, Davis S, Yancopoulos GD; AAA91076 standard; DNA; 1377 BP. 23-MAY-2000; 2000WO-US014142. 99US-0138133P (REGE-) REGENERON PHARM INC. 05-APR-2001 (first entry) WPI; 2001-071076/08. P-PSDB; AAY97596. WO200075319-A1. 08-JUN-1999; Unidentified 14-DEC-2000. AAA91076; Key RESULT 1

This sequence encodes a fusion protein of the invention between the Flt1

Claim 9; Fig 24; 159pp; English.

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receptor and the Fc region of 1gG. The specification relates to modified chimeric polypeptides with improved pharmacokinetics. The modified chimeric polypeptides are preferably Flt1 receptor polypeptides that have been modified to improve their pharmacokinetic profile. The polypeptides can be used to decrease or inhibit plasma leakage and/or vascular
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                                                   can be used to decrease permeability in a mammal
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Human; Flt1, vascular endothelial growth factor; VEGF; VEGF antagonist; psoriasis; wound healing; Flt1 receptor; antipsoriatic; antinflammatory; vulnerary; antiasthmatic; antirheumatic; antiarthritic; nephrotropic; ophthalmological; vascular permedility; oedema; inflammation; asthma; brain oedema; inflammatory disorder; rheumatoid arthritis; burn; kidney disease; eye disorder; age-related macular degeneration;
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CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAGCCCTCCCA
                                                              CACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGCCAAGGTCTCCAACAAAGGCCCTCCCA
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P-PSDB; ABP52449.
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Treating psoriasis and enhancing wound healing in humans comprises the administration of a vascular endothelial cell growth factor (VEGF)
                                                                                                               Pig 24A-C; 179pp; English.
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                                                          antagonist
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The present invention describes a method for treating psoriasis and enhancing wound healing in a mammal or a human. The method comprises administaring a vascular endothelial cell growth factor (VBGF) antagonist to the mammal or human. A VEGF antagonist has antipsoriatio, antiarthritic, antinflammatory, vulnerary, antiasthmatic, antirheumatic, antiarthritic, nephrotropic and ophthalmological activities. The method can be used in treating psoriasis and enhancing wound healing in humans by administering CVBGF antagonist. The method is also useful in treating clinical conditions characterised by vascular permeability, oedema or inflammation, such as brain oedema associated with inflammatory disorders (e.g. rheumatoid arthritis), astoma, burns, kidney diseases, or eye disorders such as age-related acused with inflammatory disorders (e.g. rheumatoid arthritis), astoma, burns, kidney diseases, or eye disorders such as age-related cused in making the polypeptide to decrease or inhibit plasma leakage and or vascular permeability. The present sequence encodes VEGFRIRZ-CVC FCDELTACI(a) which is used in an example from the present invention

Sequence 1377 BP; 386 A; 374 C; 339 G; 278 T; 0 U; 0 Other;

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               AAGAACAGCACATTTGTCAGGGTCCATGAAAAGGACAAAACTCACACATGCCCACCGTGC
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  <u> AAGAACAGCACATTTGTCAGGGTCCATGAAAAGGACAAAACTCACACATGCCCACGGTGC</u>
                                                                                              ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGTGGTGAGCCACGAA
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                                                                                                                     Nucleic acid molecule encoding mammalian phospholipid transfer protein, and its fragments, useful for diagnosis, evaluation, and treatment of diseases associated with the gene expression and for producing model
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The present invention describes a method for treating psoriasis and enhancing wound healing in a mammal or a human. The method comprises administering a vascular endochelial cell growth factor (VEGF) antagonist to the mammal or human. A VEGF antagonist has antipsoriatic, antiarthritic, antinflammatory, vulnerary, antiasthmatic, antirheumatic, antiarthritic, nephrotropic and ophthalmological activities. The method can be used in treating psoriasis and enhancing wound healing in humans by administering VEGF antagonist. The method is also useful in treating clinical conditions characterised by vascular permeability, oedema or inflammation, such as brain oedema associated with inflammatory disorders (e.g. rheumatoid arthritis), asthma, burns, kidney diseases, or eye disorders such as age-related uscular degeneration and diabetic retinopathy. The method may also be used in making the polypeptide to decrease or inhibit plasma leakage and or vascular permeability. The present sequence encodes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GGGCTTCTGACCTGTGAAGCAACAGTCAATGGCATTTGTATAAGACAAACTATCTCACA 360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Treating psoriasis and enhancing wound healing in humans comprises the administration of a vascular endothelial cell growth factor (VEGF)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 ATMGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCGCGCTGCTCAGCTGTCTGCTTCTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CCGGAAATTATACACATGACTGAAGGAAGGAGCTCGTCATTCCCTGCCGGGTTACGTCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        96.5%; Score 1328.4; DB 6; Length 1453; 98.6%; Pred. No. 3e-312; ive 0; Mismatches 1; Indels 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1453 BP; 398 A; 400 C; 366 G; 289 T; 0 U; 0 Other;
                   69. .1445
/*tag= a
/product= "Flt1D2.Flk1D3.FcDELTAC1(a)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Example 17; Fig 21A-C; 179pp; English.
Location/Qualifiers
                                                                                                                                                                                                                                                                                     Xia Y, Rudge JS, Yancopoulos GD;
                                                                                                                                                                     28-JAN-2002; 2002WO-US002466
                                                                                                                                                                                                           31-JAN-2001; 2001US-00773877
                                                                                                                                                                                                                                                 (REGE-) REGENERON PHARM INC
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P-PSDB; ABP52447.
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                                        CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA
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                                                                                             TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGATT
                                                                                                                                                                                                                                                         GTAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG
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                                                                                                                                                                                                    CTAAAAACCCAGTCTGGGAGTGAGATGAAATTTTTGAGCACCTTAACTATAGATGGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            This sequence encodes a fusion protein of the invention between the Flt1 receptor and the Fc region of 1gG. The specification relates to modified chimeric polypeptides with improved pharmacokinetics. The modified chimeric polypeptides are preferably Flt1 receptor polypeptides that have been modified to improve their pharmacokinetic profile. The polypeptides can be used to decrease or inhibit plasma leakage and/or vascular permeability in a mammal
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                                                                                                                                                                                                                                                                                                                                                                                                                   Nucleic acid molecule encoding mammalian phospholipid transfer protein, and its fragments, useful for diagnosis, evaluation, and treatment of diseases associated with the gene expression and for producing model
                                                                                                                      receptor fusion protein Flt1D2.VEGFR3D3.fcDeltaC1(a) DNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATGGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCGCGCTGCTCAGCTGTCTGCTTCTC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                               Flt1 receptor; fusion protein; chimeric protein; pharmacokinetic;
plasma leakage; vascular permeability; IgG Fc region; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 1049.2; DB 5; Length 1444;
Pred. No. 1.8e-244;
0; Mismatches 158; Indels 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1444 BP; 371 A; 426 C; 380 G; 267 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                   g,
                                                                                                                                                                                                                                                                                                                                                    Yancopoulos
                                         ВР.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 9; Fig 22; 159pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              76.2%;
                                         standard; DNA; 1444
                                                                                                                                                                                                                                                                      23-MAY-2000; 2000WO-US014142
                                                                                                                                                                                                                                                                                                99US-0138133P
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Matches 1201; Conservative
                                                                                                                                                                                                                                                                                                                                                    Davis
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                                                                                                                                                                                                                                                                                                                                                   Papadopoulos NJ,
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                                                                                                                                                                                                                  WO200075319-A1
                                                                                                                                                                                        Unidentified
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chhanding wound healing in a mammal or a human. The method comprises administering a vascular endothelial cell growth factor (VEGF) antagonist to the mammal or human. A VEGF antagonist has antiposoriatic, antiniflammatory, vulnerary, antiasthmatic, antirheumatic, antiathritic, nephrotropic and ophthalmological activities. The method can be used in treating posoriasis and enhancing wound healing in humans by administering VEGF antagonist. The method is also useful in treating clinical conditions characterised by vascular permeability, oedem or inflammation, such as brain oedema associated with inflammatory disorders (e.g. rheumatoid arthritis), asthma, burns, kidney diseases, or eye disorders such as age-related machiar degeneration and diabetic retinopathy. The method may also be used in making the polypeptide to decrease or inhibit plasma leakage and or vascular permeability. The present sequence encodes

PILIDZ.VEGFRIDJ.FCDELTACI(a) which is used in an example from the present
                                                                                                                                               Human; Flt1; vascular endothelial growth factor; VEGF; VEGF antagonist; psoriasis; wound healing; Flt1 receptor; antipsoriatic; antinflammatory; vulnerary; antiasthmatic; antirheumatic; antiarthritic; nephrotropic; ophthalmological; vascular permeability; oedema; inflammation; asthma; brain oedema; inflammatory disorder; rheumatoid arthritis; burn; kidney disease; eye disorder; age-related macular degeneration;
                                                                                                              Modified Flt1 receptor Flt1D2.VEGFR3D3.FcDELTAC1(a) nucleotide sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Treating psoriasis and enhancing wound healing in humans comprises the administration of a vascular endothelial cell growth factor (VBGF)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                present invention describes a method for treating psoriasis and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1444 BP; 371 A; 426 C; 380 G; 267 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                      /*tag= a
/product= "Flt1D2.VEGFR3D3.FcDELTAC1(a)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Example 17; Fig 22A-C; 179pp; English.
                                                                                                                                                                                                                                                                                                                                                              Location/Qualifiers
69. .1436
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                                                                          (first entry)
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27; Gaps

Score 1049.2; DB 6; Length 1444; Pred. No. 1.8e-244; 0; Mismatches 158; Indels 27;

76.2**%**; 86.7**%**;

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                                                                                           Gaps
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                              Sequence 1359 BP; 381 A; 388 C; 314 G; 276 T; 0 U; 0 Other;
                                                                                           Indels
                                                           Score 1039; DB 5;
Pred. No. 5.3e-242;
0; Mismatches 170;
                                                             75.5%;
86.3%;
                                                                                           Conservative
permeability in a mammal
                                                                      Best Local Similarity
Matches 1189; Conserv
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                                                                                                                                                                                                    This sequence encodes a fusion protein of the invention between the Flt1 receptor and the Fc region of 19G. The specification relates to modified chimeric polypeptides with improved pharmacokinetics. The modified chimeric polypeptides are preferably Flt1 receptor polypeptides that have been modified to improve their pharmacokinetic profile. The polypeptides can be used to decrease or inhibit plasma leakage and/or vascular
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nucleic acid molecule encoding mammalian phospholipid transfer protein, and its fragments, useful for diagnosis, evaluation, and treatment of diseases associated with the gene expression and for producing model
                                                                             TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGAATGGCAG
                                                                                                                                       TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG
                                                                                                                       CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC
                                                                                                                                                                                    TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCC
                                                                                                                                                                                                                                                GTGATGCATGAGGCTCTGCACAACCACTACAAGAGAAGAGCCTCTCCCCTGTCTCCGGGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               receptof fusion protein Mut2:Flt1(2-3deltaB)-Fc coding
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1. .1359
/*tag= a
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                                                                                                                                                                                                                                                                                                                                                                                                                      AAA91071 standard; DNA; 1359
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The present invention describes a method for treating psoriasis and enhancing wound healing in a mammal or a human. The method comprises administering a vascular endothelial cell growth factor (VEGF) antagonist to the mammal or human. A VEGF antagonist has antiposoriatic, antiarthritic, antinflammatory, vulnerary, antiasthmatic, antirheumatic, antiarthritic, compiniotropic and ophthalmological activities. The method can be used in treating psoriasis and enhancing wound healing in humans by administering VEGF antagonist. The method is also useful in treating clinical conditions characterised by vascular permeability, oedema or inflammation, such as brain oedema associated with injury, oedema associated with injury, oedema associated with injury, oedema associated with injury, oadema casociated with injury, oadema associated with injury, oadema casociated wi
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                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1359 BP; 381 A; 388 C; 314 G; 276 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 1039; DB 6;
Pred. No. 5.3e-242;
0; Mismatches 170;
        Fig 14A-C; 179pp; English
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86.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Treating psoriasis and enhancing wound healing in humans comprises the administration of a vascular endothelial cell growth factor (VEGF) antagonist.
GCCCCCATCGAGAAAACCATCTCCAAAGCCAAAAGGGCAGCCCCGAGAACCACAGGTGTAC
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P-PSDB; ABP52444.
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This sequence encodes a fusion protein of the invention between the Flt1 receptor and the Fc region of 19G. The specification relates to modified chimeric polypeptides with improved pharmacokinetics. The modified chimeric polypeptides are preferable Flt1 receptor polypeptides that have been modified to improve their pharmacokinetic profile. The polypeptides can be used to decrease or inhibit plasma leakage and/or vascular
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                                                                                                     Nucleic acid molecule encoding mammalian phospholipid transfer protein, and its fragments, useful for diagnosis, evaluation, and treatment of diseases associated with the gene expression and for producing model
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                                                                                                                                                                                                                                                                                                                                                                       75.0%; Score 1032.4; DB 5; Length 1389; 85.5%; Pred. No. 2.2e-240; ive 0; Mismatches 161; Indels 42;
                                                                                                                                                                                                                                                                                                                                          Sequence 1389 BP; 394 A; 393 C; 322 G; 280 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                                                    1 ATGGTCAGCTACTGGGACACCGGGGTCCTGCTGTGCGCGCTGCTCAGCT
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                              Yancopoulos
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(REGE-) REGENERON PHARM INC
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                              Davis
                                                          WPI; 2001-071076/08.
P-PSDB; AAY97592.
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Matches 1201; Conserv
                              Papadopoulos NJ,
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                                                             ACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGTGGACGTGAGCCACGAA
                                                                                                                        GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGCATAATGCCAAGACA
                   CCAGCACCTGAACTCCTGGGGGACCGTCAGTCTTCCTCTTCCCCCCCAAAACCCAAGGAC
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chinatering wound healing in a mammal or a human. The method comprises administering a vascular endothelial cell growth factor (VEGF) antagonist to the mammal or human. A VEGF antagonist has antiposoriatic, antiantlammatory, vulnerary, antiacthmatic, antitrheumatic, antiarthritic, antiantiammatory, vulnerary, antiacthmatic, antitrheumatic, antiarthritic, nephrotropic and ophthalmological activities. The method can be used in creating psoriasis and enhancing wound healing in humans by administering VEGF antagonist. The method is also useful in treating clinical conditions characterised by vascular permeability, oedema or inflammation, such as brain oedema associated with injury, oedema associated with inflammatory disorders (e.g. rheumatoid arthritis), asthma, burns, kidney diseases, or eye disorders such as age-related nacular degeneration and diabetic retinopathy. The method may also be used in making the polypeptide to decrease or inhibit plasma leakage and or vascular permeability. The present sequence encodes Mut3:FILI(2-3)-Fc which is used in an example from the present invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 ACAGGATCTAGTTCCGGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAAATC 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     361 CATCGACAAACCAATACAATCATAGATGTGGTTCTGAGTCCGTCTCATGGAATTGAACTA 420
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                                                                                                                                                                                                                                                                                                                                                                                                             Treating psoriasis and enhancing wound healing in humans comprises the administration of a vascular endothelial cell growth factor (VEGF)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CCCGAAATTATACACATGACTGAAGGGAAGCTCGTCATTCCCTGCCGGGTTACGTCA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       present invention describes a method for treating psoriasis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          75.0%; Score 1032.4; DB 6; Length 1389; 85.5%; Pred. No. 2.2e-240; ive 0; Mismatches 161; Indels 42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1389 BP; 394 A; 393 C; 322 G; 280 T; 0 U; 0 Other;
                                                                       "Mut3:Flt1(2-3)-Fc protein"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Example 13; Fig 15A-C; 179pp; English
Location/Qualifiers
1. .1389
                                                                                                                                                                                                                                                                                                                             Yancopoulos GD;
                                                                                                                                                                                                   28-JAN-2002; 2002WO-US002466.
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Matches 1201; Conservative
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                                                                                                                                    Flt1 receptor fusion protein Mut1:Flt1(1-3deltaB)-Fc coding sequence
                                                                                                                                                                             Flt1 receptor; fusion protein; chimeric protein; pharmacokinetic;
plasma leakage; vascular permeability; IgG Fc region; ss.
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                                                                                                                                                                                                                                                                                               Location/Qualifiers
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The present invention describes a method for treating psoriasis and enhancing wound healing in a mammal or a human. The method comprises administering a vascular endochelial cell growth factor (VEGF) antagonist to the mammal or human. A VEGF antagonist to the mammal or human. A VEGF antagonist to the mammal or human. A VEGF antagonist, antirheumatic, antiarthritic, antinflammatory, vulnerary, antiasthmatic, antirheumatic, antiarthritic, nephrotropic and ophthalmological activities. The method can be used in treating psoriasis and enhancing wound healing in humans by administering VEGF antagonist. The method is also useful in treating clinical conditions characterised by vascular permeability, oedema or inflammation, such as brain oedema associated with inflammatory disorders (e.g. rheumatoid arthritis), asthma, burns, kidney diseases, or eye disorders such as age-related macular degeneration and diabetic retinopathy. The method may also be used in making the polypeptide to decrease or inhibit plasma leakage and or vascular permeability. The present sequence encodes Mutl:Fili(1.3 delta B)-Fc which is used in an example from the present invention
                                                                                                                                                                                                                              psoriasis; wound healing; Fiti receptor; antipsoriatic; antiminamatory; vulnerary; antiasthmatic; antirheumatic; antiarthritic; nephrotropic; ophthalmological; vascular permeability; oedema; inflammation; asthma; brain oedema; inflammatory disorder; rheumatoid arthritis; burn; kidney disease; eye disorder; age-related macular degeneration; diabetic retinopathy; gene; ss.
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                                                                                                                                                                                                        Human; Flt1; vascular endothelial growth factor; VEGF; VEGF antagonist;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       385 AGTGATACAGGTAGACCTTTCGTAGAGATGTACAGTGAAATCCCCGAAATTATACACATG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "Mut1:Flt1(1-3 delta B)-Fc protein"
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                                                                                                                                   Mutation 1 Flt1(1-3 delta B)-Fc nucleotide sequence
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Pred. No. 1.9e-229;
); Mismatches 171;
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1. .1674
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Best Local Similarity 86.1%;
Matches 1119; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (REGE-) REGENERON PHARM INC.
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Synthetic.
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ABQ74604;
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1576 AGGTGGCAGCAGCAGCAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCAC 1635
       CCCGTGCTGGACTCCCGACGCCTCCTTCTTCTTACAGCAGCTCACCGTGGACAAGAGC 1575
                                     AGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCAC 1338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       This sequence encodes a fusion protein of the invention between the Flti receptor and the Fc region of 1gG. The specification relates to modified chimeric polypeptides with improved pharmacokinetics. The modified chimeric polypeptides are preferably Flti receptor polypeptides that have been modified to improve their pharmacokinetic profile. The polypeptides can be used to decrease or inhibit plasma leakage and/or vascular permeability in a mammal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        138
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Nucleic acid molecule encoding mammalian phospholipid transfer protein, and its fragments, useful for diagnosis, evaluation, and treatment of diseases associated with the gene expression and for producing model
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                                                                                                                                                                                                                                                                                                                                                                Flt1 receptor; fusion protein; chimeric protein; pharmacokinetic; plasma leakage; vascular permeability; IgG Fc region; 88.
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                                                                                                         1339 TACACGCAGAAGACCTCTCCCTGTCTCCGGGTAAATGA 1377
                                                                                                                           TACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA
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Pred. No. 3.2e-228;
0; Mismatches 161;
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1. .1704
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ilarity 85.4%;
Conservative
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P-PSDB; AAY97593.
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Matches 1132; Conserv
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TTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAAACGCATAATCTGGGACAGT
                                                                                                                       AGAAAGGGCTTCATATCAAATGCAACGTACAAAGAAATAGGGCTTCTGACCTGTGAA
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                                    GCCTCCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGGCAGCCCCGAGAACCA
                                                                               TGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAG
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                       GCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAAGGGCAGCCCCGAGAACCA
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macular degeneration and diabetic retinopathy. The method may also be used in making the polypeptide to decrease or inhibit plasma leakage or vascular permeability. The present sequence encodes Mut4:PL1(2-3-N)-Pc which is used in an example from the present invention
                                                                                                     Gaps
                                                                            Query Match
71.3%; Score 982.4; DB 6; Length 1704;
Best Local Similarity 85.4%; Pred. No. 3.2e-228;
Matches 1132; Conservative 0; Mismatches 161; Indels 33;
                                                       508 A; 461 C; 385 G; 350 T; 0 U; 0 Other;
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This sequence encodes a fusion protein of the invention between the Pit1 receptor and the Fc region of IgG. The specification relates to modified chimeric polypeptides with improved pharmacokinetics. The modified chimeric polypeptides with improved pharmacokinetics. The modified chimeric polypeptides are preferably Pit1 receptor polypeptides that have been modified to improve their pharmacokinetic profile. The polypeptides can be used to decrease or inhibit plasma leakage and/or vascular permeability in a mammal
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                                                                                                                                                                   Gaps
                                                                                                                                                                   33;
                                                                                                                                       Length 1704;
                                                                                                            Sequence 1704 BP; 508 A; 460 C; 386 G; 350 T; 0 U; 0 Other;
                                                                                                                                                                 Indels
                                                                                                                                     Score 980.8; DB 5;
Pred. No. 7.8e-228;
0; Mismatches 162;
                                                                                                                                     Query Match 71.2%;
Best Local Similarity 85.3%;
Matches 1131; Conservative
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cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can l
found through the I.M.A.G.E. Consortium/LLNL at:
http://imaqe.llnl.gov
Plate: LLCM2469 row: k column: 12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

    (bases 1 to 983)

                                                                                                                                                                                                                                                                                                                               TGCGTGGTGGTGGACGTGAGCCCACGAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC
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                                                                                                                           GACAAAACTCACACATGCCCACCTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC
                                                                                                                                                                                                   TTCCTCTTCCCCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA
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National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Dr. Mark Watson
CDNA Library Preparation: Rubin Laboratory
                                                      Gaps
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     Length 871;
                                                   0; Indels
49.7%; Score 684; DB 4; Le
100.0%; Pred. No. 4.7e-179;
ive 0; Mismatches 0;
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Homo sapiens
Query Match
Best Local Similarity 100.
Matches 684; Conservative
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/organism="Homo sapiens"
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laboratory of Gerald M. Rubin (University of California,
Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and
Superscript II RT (Life Technologies). Note: this is a
NIH_MGC Library."
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E. 1 (Bases 1 to 843)

E. 1 (Bases 1 to 843)

I. Unpublished (1999)

L. Unpublished (1999)

Contact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Dr. Mark Watson cDNA Library Preparation: Ling Hong/Rubin Laboratory

CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: Incyte Genomics, Inc.

Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LiNL at:

High quality sequence etop: 833.

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BM007897 843 bp mRNA linear EST 30-OCT-2001
603617582F1 NIH_MGC_113 Homo sapiens cDNA clone IMAGE:5450469 5',
                              TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA 1053
                                                                                                                        1054 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1113
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                                                                                                                                                       410 GGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG
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                                                                                                                                               AGENCOURT 8418162 NIH_MGC_113 Homo sapiens cDNA clone IMAGR:6281403
5', mRNA Sequence.
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NHH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert Strausberg, Ph.D.

Enail: cgapbs-remail.nih.gov
Tissue Procurement: Dr. Mark Watson
CDNA Library Preparation: Rubin Laboratory
CDNA Library Preparation: Rubin Laboratory
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
http://mage.llnl.gov
Plate: LLCM2474 row: c column: 04
High quality sequence stop: 638.
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1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
                         684 CTCTCCTGTCTCCGGGTAAATGA 707
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CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequenoring by: Agencourt Bioscience Corporation
Clone distribution: MGC clone distribution information can l
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
Plate: LLCM2516 row: m column: 22
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NIH-MGC http://mgc.noi.nih.gov/,
National Institutes of Health, Mammalian Gene Collection (MGC)
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                                                               Length 843;
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                                                               Score 682.4; DB 4;
Pred. No. 1.3e-178;
                                                                                                                                   0; Mismatches
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Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
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full-length cDNA clone CS0DI040YA16 of Placenta Cot 25-normalized
of Homo sapiens (human).
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Submitted (20-JUL-2004) Genoscope - Centre National de Sequencage:
BP 191 91006 EVRY cedex - FRANCE (E-mail : seqref@genoscope.cns.fr
- Web : www.genoscope.cns.fr)
18t strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoR V sites of the pCMVSPORT 6 vector. Library was normalized. Library was constructed by Life Technologies, a division of Invitrogen.
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         623 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAAGCCAAA
                                                              1054 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG
                                                                                                       683 GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCCGGGATGAGCTGACGAGAG
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http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
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/mol_type="mRNN"
/db_xref="taxon:9606"
/clone="CS0D140YAlf6"
/tissue_type="placenta Cot/plasmid="pcMVSPORT_6"
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Matches 683; Conservative 0; Mismatches 1; Indels 0;
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/db_xref="taxon:9606"
/clone="CSODE007V17"
/tissue_type="Placenta"
/plasmid="pCMVSPORT_6"
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end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoR V sites of the pCMVSPORT 6 vector. Library was normalized. Library was constructed by Life Technologies, a division of Invitrogen.
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Pred. No. 1.4e-178;
0; Mismatches 1;
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1. .1090
/organism="Homo sapiens"
                                                                                                                   /mol_type="mRNA"
/db_xref="taxon:9666"
/db_cref="taxon:9666"
/clone="csO01071YG21"
/tissue_type="Placenta Cc/plasmid="pcMVSPORT_6"
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Submitted (20-JUJ-2004) Genoscope - Centre National de Sequencage :
BP 191 91006 EVRY cedex - FRANCE (E-mail : seqref@genoscope.cns.fr
- Web : www.genoscope.cns.fr)
1st strand cDNA was primed with a NotI-oligo(dI) primer. Five prime
                                                                                                                                                                                                                                                                                                                                                                              GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG 1113
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   GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC 395
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                   TGCGTGGTGGTGGACGTGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC
                                                                                                                                                                                          876 GACGGCTCCTTTCCTCTACAGCAAGCTCACCTGGACAAGAGCAGGTGGCAGGGGG
                                                                                                                       TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTCAAGGTCAAGTTCAACTTGGTACGTGGAC
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                                                                                                                                                                                                                                        CGTGTGGTCAGCGTCCTCACCGTCCTGCAGCAGGACTGGCTGAATGGCAAGGAGTACAAG
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Homo sapiens (human)
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Submitted (20-JUL-2004) Genoscope - Centre National de Sequencage: BP 191 91006 EVRY cedex - FRANCE (E-mail: seqref@genoscope.cns.fr - Web: www.genoscope.cns.fr) at the trand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoR V sites of the pcMVSPORT 6 vector. Library was normalized. Library was constructed by Life Technologies, a division of Invitrogen.
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1 (bases 1 to 1093)
Li, W.B., Gruber, C., Jessee, J. and Polayes, D.
Full-length cDNA libraries and normalization
Unpublished
                                                           1234 GACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAGAAGAGCAGGTGGCAGCAGGGG
                                                                                                                                        1294 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACACCACTACACGCAGAAGAGC
                                                                                                                                                                             TGCGTGGTGGTGGACGTGAGCCACGAGAACCCTGAGGTCAAGTTCAAGTTCAACTGGTACGTGGAC
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Pred. No. 1.4e-178;
0; Mismatches 1;
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/organism="Homo sapiens"
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/db_xref="taxon:966"
/db_colone="csOblodesycor"
/tissue_type="Placenta Gr
/plasmid="pcMVSPORT_6"
                                                                                                                                                                                                                                                                             1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Submitted (20-JUL-2004) Genoscope - Centre National de Sequencage:
BP 191 91006 EVRY cedex - FRANCE (B-mail : seqref@genoscope.cns.fr
- Web : www.genoscope.cns.fr
- Goation.fr
- Web : www.genoscope.cns.fr
- Web : www.ge
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Li, M.B., Gruber, C., Jessee, J., and Polayes, D.
Full-length cDNA libraries and normalization
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                                                                                                                                                                                                                                                                       Contact : Feng Liang Email : fliang@lifetech.com URL : http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
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/db_xref="taxon:9606"
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/tissue_type="placenta_Cot_25-normalized"
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                         HTC; CNSLT_cDNA.
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CR612813 1100 bp mRNA linear HTC 21-JUL-2004 full-length cDNA clone CS0DI081YF02 of Placenta Cot 25-normalized of Homo sapiens (human).
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Li, W. B., Gruber, C., Jessee, J. and Polayes, D.
Full-length cDNA libraries and normalization
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Contact : Feng Liang Email : fliang@lifetech.com URL :
http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
Faraday Avenue
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   Length 1098;
                                     Indela
 Score 682.4; DB 3;
Pred. No. 1.4e-178;
0; Mismatches 1;
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HTC; CNSLT cDNA.
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Homo sapiens
   49.6%;
Query Match
Best Local Similarity 99.9°
Matches 683, Conservative
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Submitted (20-JUL-2004) Genoscope - Centre National de Sequencage :
BP 191 9100 GENYX cedex - FRANCE (E-mail : seqref@genoscope.cns.fr
191 910 9100 GENXY cedex - FRANCE (E-mail : seqref@genoscope.cns.fr
1st strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoR V sites of the pCMVSPORT 6 vector. Library was normalized. Library was constructed by Life Technologies, a division of Invitrogen.

Location/Qualifiers
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Li, W.B., Gruber, C., Jessee, J. and Polayes, D. Full-length cDNA libraries and normalization
                                                                                                                                                                    683 GGCACCCCCAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG
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                                                                                                                                                                                                                                                                                                                                                                                           Contact : Feng Liang Email : fliang@lifetech.com URL :
http://fulllength.invitrogen.com/ InVitroGen Corporation 1600
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/db_xref="taxon:9606"
/clone="CSOCAPOOLYI13"
/tissue_type="Thymus"
/plasmid="pcMVSPORT_6"
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FEATURES

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Web: www.genoscope.cns.fr)

1st strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoR V sites of the pcMVSPORT 6 vector. Library was normalized. Library was constructed by Life Technologies, a division of Invitrogen.
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Submitted (20-JUL-2004) Genoscope - Centre National de Sequencage
BP 191 91006 EVRY cedex - FRANCE (B-mail : segref@genoscope.cns.fr
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Catarrhini, Hominidae, Homo.
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full-length cDNA clone CSOCAP008YF07 of Thymus of Homo sapiens
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http://fulllength.invitrogen.com/ InvitroGen Corporation 1600
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Mammalia, Eutheria, Primates, Catarrhini, Hon
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Li, W.B., Gruber, C., Jessee, J. and Polayes, D.
Full-length cDNA libraries and normalization
Unpublished
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Pred. No. 1.4e-178;
0; Mismatches 1;
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/tissue_type="Thymus"
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HTC; CNSLT cDNA.
Homo sapiens (human)
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                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="texon:9606"
/clone="CSODI081YF02"
/tissue type="Placenta Cot 25-normalized"
/plasmid="pcMVSPORT_6"
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Direct Submission
Submitted (20-JUL-2004) Genoscope - Centre National de Sequencage :
BP 191 91006 EVRY cedex - FRANCE (E-mail : seqref@genoscope.cns.fr

BP 191 91006 EVRY cedex - FRANCE (E-mail : seqref@genoscope.cns.fr

1st strand cDNA was primed with a Not1-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoN V sites of the pCMVSPORT 6 vector. Library was normalized. Library was constructed by Life Technologies, a division of Invitrogen.

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full-length cDNA clone CS0DE010YH13 of Placenta of Homo sapiens
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                                                                                                                                               563 GGTGGGCCCCCCCCCCCCCCCCCCCCCCGGACTGGCTGAATGGCAAGGAGTACAAG 622
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HTC; CNSIT_cDNA.
Homo sapiens (human)
Homo sapiens
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Li, W.B.; Gruber, C.; Jessee, J.; and Polayes, D.
Full_length, cDNA libraries and normalization
                                                  683 GGCAGCCCCGAGAACCACAGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAG
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                                                                                                                                                                                                                                          623 TGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA
                                                                                                                                                                                                                                                                                                                                                                        Contact : Feng Liang Bmail : fliang@lifetech.com URL : http://fulllength.invitrogen.com/ InvitroGen Corporation 1600
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                                                  AACGICTICICATGCICCGIGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1353
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 1102)
Li, W.B., Gruber, C., Jessee, J. and Polayes, D. Full-length cDNA libraries and normalization
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AACCAGGTCAGCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGGGACATCGCCGTGGAG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Feng Liang Email: fliang@lifetech.com URL: http://fullength.invitrogen.com/lnVitroGen Corporation 1600 Faraday Avenue
2 (bases 1 to 1102)
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49.6%; Score 682.4; DB 3;
Best Local Similarity 99.9%; Pred. No. 1.4e-178;
Matches 683; Conservative 0; Mismatches 1;
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JOURNAL
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49.6%; Score 682.4; DB 3;
Best Local Similarity 99.9%; Pred. No. 1.4e-178;
Matches 683; Conservative 0; Mismatches 1;
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Search completed: August 27, 2005, 09:41:10 Job time : 4871.12 secs This Page Blank (uspto)

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(cgn2_6/ptodata/1/ina/5A_COMB.seq:*

(cgn2_6/ptodata/1/ina/5B_COMB.seq:*

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(cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

(cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
             GenCore version 5.1.6
(c) 1993 - 2005 Compugen Ltd.
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US-09-773-877B-21
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US-09-526-098-11
US-09-383-916-3
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Maximum Match 100%
Listing first 45 summaries
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Patent No. 6813149
GENERAL INFORMATION:
APPLICANT: Xia, Yu-Ping et al.
TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES FILE REFERENCE: REG 710b
CURRENT APPLICATION NUMBER: US/09/773,877B
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
SEQ ID NO 25
                                                                             Sequence Seq
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US-09-383-916-11
US-08-487-550-7
US-09-526-550-7
US-08-383-916-7
US-08-030-175-6
US-08-030-175-6
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100.0%; Pred. No. 0;
tive 0; Mismatches
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Best Local Similarity 100.
Matches 1377; Conservative
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; LOCATION: (1)..(1377)
US-09-773-8778-25
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           APPLICANT: Xia, Yu-Ping et al.
TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES FILE REFERENCE: REG 710b
CURRENT APPLICATION NUMBER: US/09/773,877B
CURRENT FILLING DATE: 2001-01-31
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
SEQ ID NO 21
LENGTH: 1453
                                                                                                                                                                                                                                                                                 18;
                                                                                                                                                                                                                                                       Length 1453;
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                                                                                                                                                                                OTHER INFORMATION: Flt1D2.Flk1D3.FcdeltaC1(a)Receptor NAME/KEY: CDS
LOCATION: (69)..(1442)
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Pred. No. 0;
0; Mismatches
                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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llarity 98.6%;
Conservative
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Best Local Similarity
Matches 1367; Conserv
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RESULT 2 US-09-773-877B-21 Sequence 21, Application US/09773877B Patent No. 6833349

CCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAA

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                                                                 GCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGGTCAGCGTCCTC
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Patent NO. 683349
GENERAL INFORMATION:
APPLICANT Xia, Yu-Ping et al.
TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
FILE REFERENCE: REG 710b
CURRENT APPLICATION NUMBER: US/09/773,877B
CURRENT APPLICATION NUMBER: US/09/773,877B
SOFTWARE: Patentin version 3.0
SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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US-09-773-877B-23
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            TTCCTCTTCCCCCCAAAACCCCAAGACACCCTCATGATCTCCCGGACCCCTGAGGTCACA
                                   166 TICCTCTTCCCCCCAAAACCCCAAGGACACCCTCATGATCTCCCGGGACCCCTGAGGTCACA
                                                                                      TGCGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC
                                                                                                                          874 GGCGTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGGAGCAGTACAACAGCACGTAC
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TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISBASES
TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISBASES
CURRENT APPLICATION NUMBER: US/09/773,877B
CURRENT PILING DATE: 2001-01-31
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
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NAME/KEY: CDS
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APPLICANT: Xia, Yu-Ping et al.

TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES FILE REFERENCE: REG 710b
CURRENT APPLICATION NUMBER: US/09/773,877B
CURRENT FILING DATE: 2001-01-31
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
SEQ ID NO 17
LENGTH: 1389
                                                                                                                                                                                                                                                                                                                                                                                             42;
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                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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; LOCATION: (1)..(1389)
US-09-773-877B-17
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                                                                                         AGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCAC
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Sequence 19, Application US/09773877B

Sequence 19, Application US/09773877B

Patent No. 683349

GENERAL INFORMATION:

APPLICANT: Xia, Yu-Ping et al.

TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES

FILE REPRENCE: REG 710b

CURRENT APPLICATION NUMBER: US/09/773,877B

CURRENT PILING DATE: 2001-01-31

NUMBER OF SEQ ID NOS: 27

SOFTWARE: Patentin version 3.0

SEQ ID NO 19

LENGTH: 1704
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                                                                                                                                                                  1636 TACAGGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1674
                                                                                                                                                    TACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA 1377
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Pred. No. 5.7e-253;
0; Mismatches 161;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Flt1(1-3 R->N) (Mut 4)
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85.4%;
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Pred. No. 1.5e-252;
0; Mismatches 162;
; SEQ ID NO 11
; LENGTH: 1704
; TYPE: DNA
; ORGANIGM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: FIL1(1-3)-FC
; NAME/KEY: CDS
; LOCATION: (11..(1704)
US-09-773-8778-11
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                           GGATTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAGAAGAACAGCACATTTGTC
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Patent No. 683349
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
FILE REFERENCE: REG 710b
CURRENT APPLICATION NUMBER: US/09/773,877B
CURRENT FILING DATE: 2001-01-31
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                    NAMENTER: tICAM(453)/IgG fusion
OTHER INFORMATION: bp 1-1359 = nucleotides coding
OTHER INFORMATION: for amino acid residues 1-453 of ICAM-1; bp 1360-
OTHER INFORMATION: 2040 = nucleotides coding for amino acid residues
OTHER INFORMATION: 216-442 of human heavy chain IgG1; bp 2401-2043 =
OTHER INFORMATION: stop codon
                                                                                                                                                                                                                                                                                                                                                                                                                                                           1610 GCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGGTCT
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                                                                      TYPE: nucleic acid
STRANDENDESS: single
TOPOLOGY: linear
MOLECULE TYPE: ocher nucleic acid
HYPOTHETICAL: no
FANTI-SENSE: no
FANTI-SENSE: no
TELEFAX: (203) 812-5492
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 95.9
Matches 704; Conservative
                                                          LENGTH: 2043 bp
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                                                                                                                                                                 CAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC 1131
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US-08-227-496C-14

i Sequence 14, Application US/08227496C

i Patent No. 6130102

i GENERAL INFORMATION:
APPLICANT: Acree, Jeffrey M.
TITLE OF INVENTION: Multimeric Forms of Human TITLE OF INVENTION: Multimeric Forms of Human TITLE OF INVENTION: Rhinovirus Receptor Protein NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:
ADDRESSEE: Bayer Corporation STREET: 400 Morgan Lane
CITY: West Haven
STREET: Gonnecticut
STATE: Connecticut
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ZIP: 06516
COMPUTER READABLE FORM:
MEDIUM TYPE: diskette, 1.44 Mb storage
COMPUTER: Dell Optiplex GX1
OPERATING SYSTEM: Windows 95
SOFTWARE: WordPerfect 8.0 for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/227,496C
FILING DATE: 04/14/94
FION PAPLICATION DATA:
APPLICATION NUMBER: 07/903,069
FILING DATE: 06/22/92
APPLICATION NUMBER: 07/704,984
FILING DATE: 06/22/92
APPLICATION NUMBER: 07/56,238
FILING DATE: 06/22/92
APPLICATION NUMBER: 07/56,238
FILING DATE: 07/50/90
ATTORNEY/AGENT INFORMATION:
NAME: Barbara A. Shime:
REGISTRATION NUMBER: 29,862
REGISTRATION NUMBER: 29,862
REGISTRATION NUMBER: 1214.2C
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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CGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAG 304
                                                                                                                               305 TGCAAGGTCTCCAACAACAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCCAAA 364
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; PAPLICANT: Tao, Weng; Shou APPLICANT: Hickey, William F; APPLICANT: Hammang, Joseph P.; APPLICANT: Hammang, General P.; APPLICANT: Hammang, General P.; APPLICANT: Hammang, Joseph P.; APPLICANT: Baetge, E. Edward; TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION; FILE REFERENCE: 17810-043; CURRENT FILING DATE: 198-10-26; NUMBER OF SEQ ID NOS: 14; SOFTWARE: PatentIn Ver. 2.0
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100.0%; Pred. No. 4e-173;
tive 0; Mismatches 0; Indels (
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OTHER INFORMATION: Description of Sequence: Recombinant
OTHER INFORMATION: Polynucleotide
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Best Local Similarity 100.0
Matches 684; Conservative
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TYPE: DNA
ORGANISM: Homo sapiens
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NAME/KEY: gene
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                                                                                                                                                                                                                                        APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1508
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 694 GACAAAACTCACACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTC
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MEDIUM TYPE: Ploppy disk
COMPUTER: SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/023,655
FILING DATE: HEREWITH
CLASSIFICATION DATA:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
TILING DATE:
APPLICATION NUMBER:
TILING DATE:
APPLICATION NUMBER:
TILING DATE:
TRIENDEN GOART INFORMATION:
ATTORNEY/AGENT INFORMATION:
REFERENCE/COKET NUMBER: PA-0001 US
TELEFORM: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1223:
SEQUENCE CHARACTERISTICS:
LENGTH: NUCLE: CALCACTERISTICS:
LENGTH: ALCACTE CALCACTERISTICS:
ACCURRENT ALCACTERISTICS:
LENGTH: ALCACTERISTICS:
ACCURRENT ALCACTERISTICS:
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100.0%; Pred. No. 3.4e-173;
iive 0; Mismatches 0;
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3174 PORTER DRIVE
                                                                                                                                                     Sequence 1223, Application US/09023655
Patent No. 6607879
GENERAL INFORMATION:
      2030 CTCCGGGTAAATGA 2043
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Matches 684; Conservative
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US-09-023-655-1223
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| Patent No. 6306395
| GENERAL INPORMATION:
| APPLICANT: NACAMURA, No. 630639510
| TITLE OF INVENTION: NOVEL PAS ANTIGEN DERIVATIVE
| TITLE REPRENCE: 1110-207P
| CURRENT APPLICATION NUMBER: US/09/180,100
| CURRENT FILING DATE: 1998-11-02
| EARLIER FILING DATE: 1997-05-01
| NUMBER OF SEQ ID NOS: 25
| SEQ ID NO 18
49.7%; Score 684; DB 4; L. 100.0%; Pred. No. 4e-173; Live 0; Mismatches 0;
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Query Match
Best Local Similarity 100.(
Matches 684; Conservative
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| Sequence 1, Application US/09761413 |
| Patent No. 6506891 |
| GENERAL INFORMATION: |
| APPLICANT: Tao, Weng |
| APPLICANT: Hadmang, Joseph P. |
| APPLICANT: Hadmang, Joseph P. |
| APPLICANT: Bacteg, E. Edward |
| TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION |
| FILE REFERENCE: 17810-043 |
| CURRENT FILING DATE: 2001-01-16 |
| PRIOR APPLICATION NUMBER: US/09/761,413 |
| PRIOR APPLICATION NUMBER: US/09/178,869 |
| PRIOR PILING DATE: 1998-10-26 |
| NUMBER OF SEQ 1D NOS: 14 |
| SOFTWARE: Patentin Ver. 2.0 |
| SEQ 1D NO |
| SEQ 
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| NAME/KEY: gene
| LOCATION: () ...)
| OTHER INFORMATION: Description of Sequence: Recombinant
| OTHER INFORMATION: Polynucleotide
| NAME/KEY: CDS
| LOCATION: (16)..(1008)
| US-09-761-413-1
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TYPE: DNA
ORGANISM: Homo sapiens
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US-09-761-413-1
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CORGANISM: Homo sapiens
US-09-180-100-18
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STATE: Virginia

COUNTRY: United States

Z191: 22313-1404

COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,376
FILING DATE: 07-JUN-1995
CLLASSIFICATION: 424
ATCARANTATION: 424
ATCARANTACE/DOCKET NUMBER: 012712-150
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-150
TELEFONE: (703) 836-620
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100.0%; Pred. No. 4.6e-173;
ative 0; Mismatches 0;
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Best Local Similarity 100.
Matches 684; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; LOCATION:
US-08-488-376-19
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Sequence 19, Application US/08488376

Patent No. 5811524

GENERAL INFORMATION:
APPLICANT: BRAMS, Peter
APPLICANT: WLS. Edward B.
APPLICANT: WLS. Edward B.
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
TITLE OF INVENTION: MOTHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: P.O. BOX 1404

CITY: Alexandria
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                                 Length 1182;
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                            Query Match 49.7%; Score 684; DB 3; Le
Best Local Similarity 100.0%; Pred. No. 4.2e-173;
Matches 684; Conservative 0; Mismatches 0;
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TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC
                                                                                                                 TGCGTGGTGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGAC
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APPLICANT: BRAMS, Peter
APPLICANT: CHANAT, Soulaima Salim
APPLICANT: CHANAT, Soulaima Salim
APPLICANT: CHANAT, Soulaima Salim
APPLICANT: WALSH, Edward B.
APPLICANT: WALSH, Edward B.
APPLICANT: WALSH, Cheryl Jane
APPLICANT: WALSH, CHAND, CHERYL JUNG HIGH HERINITY HUMAN
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
TITLE OF INVENTION IN THE SALES
STATE: Virginia
CONPRESSE: Burns, Deane, Swecker & Mathis
STATE: Virginia
COMPUTER READABLE FORM:
MEDIUM TYPE: PROPPY disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA::
CHARENT APPLICATION DATA::
CHARL CHART APPLICATION D
                                                         AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1353
                                                                                     1345 AACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGC 1404
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     1285 GACGGCTCCTTCTTCCTCAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGCAGGGG
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100.0%; Pred. No. 4.6e-173;
iive 0; Mismatches 0;
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CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/488,376

PILING DAT#: 07-UN-1995

ATTORNEY TOFORWATION:

NAME: TERÄIN, ROBIN L.

REGISTRATIÔN NUMBER: 35,030

REFERENCE/ÇOCKET NUMBER: 012712-150

TELECOMUNICATION INFORMATION:

TELEPHONE: (703) 836-6620

TELEPHONE: (703) 836-2021

INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:

LENGTH: 1428 base pairs
                                                                                                                                                                                              CTCTCCCTGTCTCCGGGTAAATGA 1377
                                                                                                                                                                                                                                                                                                                                                Sequence 19, Application US/08634223
Patent No. 5840298
GENERAL INFORMATION:
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MOLECULE TYPE: DNA (genomic)
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Best Local Similarity 100.
Matches 684; Conservative
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STRANDEDNESS: single
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US-08-634-223-19
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US-08-634-223-19
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August 26, 2005, 22:22:41; Search time 960.42 Seconds (without alignments) 9381.136 Million cell updates/sec
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1: \cgn2_6/ptodata/2/pubpna/USO7_PUBCOMB.seq:*

2: \cgn2_6/ptodata/2/pubpna/PCT_MBW_PUB.seq:*

2: \cgn2_6/ptodata/2/pubpna/USO6_NBW_PUB.seq:*

4: \cgn2_6/ptodata/2/pubpna/USO6_NBW_PUB.seq:*

5: \cgn2_6/ptodata/2/pubpna/USO8_NBW_PUB.seq:*

7: \cgn2_6/ptodata/2/pubpna/USO8_NBW_PUB.seq:*

8: \cgn2_6/ptodata/2/pubpna/USO8_NBW_PUB.seq:*

9: \cgn2_6/ptodata/2/pubpna/USO8_NBW_PUB.seq:*

10: \cgn2_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*

11: \cgn2_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*

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13: \cgn2_6/ptodata/2/pubpna/USIOA_PUBCOMB.seq:*

14: \cgn2_6/ptodata/2/pubpna/USIOA_PUBCOMB.seq:*

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28: \cgn2_6/ptodata/2/pubpna/USIOA_PUBCOMB.seq:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 2000000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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| SUMMARIES | ļ | ID | US-09-773-877A-25 | US-10-609-775-9 | US-10-860-958-1 | US-10-830-902-1 | US-10-897-802-1 | US-10-880-021-9 | US-10-909-011-3 |
| | 1 | DB | 10 | 17 | | | | 21 | 21 |
| | Query | Length | 1377 | 1377 | 1377 | 1377 | 1377 | 1377 | 1377 |
| de | Query | Match | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
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          APPLICANT: Huang, Jianzhong
APPLICANT: Yancopoulos, George
APPLICANT: Rudge, John
TITLE OF INVENTION: Method of Tumor Regression with VEGF
TITLE OF INVENTION: Inhibitors
TITLE OF INVENTION: Inhibitors
FILE REFERENCE: REG 714A
CURRENT FILING DATE: 2004-06-04
RIOR APPLICATION NUMBER: 60/476,425
PRIOR FILING DATE: 2003-06-06
NUMBER OF SEQ ID NOS: 2
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
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 Yamashiro, Darrell
                                                                                                                                                                                                                              ; ORGANISM: homo sapiens
US-10-860-958-1
                                                                                                                                                                                                    LENGTH: 1377
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APPLICANT:
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> Sequence I, Application US/10860958; Publication No. US20040265309A1; GENERAL INFORMATION; APPLICANT: Kandel, Jessica; APPLICANT: Holash, Jocelyn RESULT 3 US-10-860-958-1

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GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTACA
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Publication No. US20050004027A1

GENERAL INFORMATION:

APPLICANT: Stanley Wiegand

APPLICANT: Claus Cao

TITLE OF INVENTION: Rejection

TITLE OF INVENTION: Rejection

FILE REPERENCE: REG 713B

CURRENT APPLICATION NUMBER: US/10/830,902

CURRENT APPLICATION NUMBER: US/10/830,902

CURRENT PILING DATE: 2004-04-23

NUMBER OF SEQ ID NOS: 2

SOFTWARE: FastEEQ for Windows Version 4.0
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100.0%; Score 1377;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1377; Conservative 0; Mismatches
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CRGANISM: homo sapiens
US-10-830-902-1
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US-10-830-902-1
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| 1141 AAAGGCTTCTATCCCAGCGACATCGCCGTGAGAGAAGCAATGGGCAGCCGGAGAAC 1200 1201 AAGTACAAGACCACGCCTCCGTGCTGGAGGCACTCCTTCTCTCTC | RESULT 5 US-10-897-802-1 Sequence 1, Application US/10897802 Sequence 1, Application US/10897802 Sequence 1, Application World US/10897802 GENERAL INFORMATION: APPLICANT: JOHN 10-18-1 APPLICANT: Limin Hu APPLICANT: Compostion of a VEGF Antagonist and an Anti-Proliferative Agent TITLE OF INVENTION: Composition of a VEGF Antagonist and an Anti-Proliferative Agent TITLE OF INVENTION: Composition of a VEGF Antagonist and an Anti-Proliferative Agent TITLE OF INVENTION: Composition of a VEGF Antagonist and an Anti-Proliferative Agent TITLE OF INVENTION: Composition of a VEGF Antagonist and an Anti-Proliferative Agent TITLE OF INVENTION: Composition of a VEGF Antagonist and an Anti-Proliferative Agent CURRENT PELLIATION NUMBER: 105/1997,802 CURRENT PELLIA 2003-08-08 INVENTION OF TITLE OF VERSION OF A VERSION 4.0 SEQ ID NOS: 2 SOCTHARE: FastSEQ for Windows Version 4.0 SEQ ID NOS: 2 SOCTHARE: AND OF A VERSION OF A VERSION 4.0 Matches 1377; Conservative 0, Mismatches 0, Indels 0, Gaps 0, Matches 1377; Conservative 0, Mismatches 0, Indels 0, A ADGGARCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC | 121 CCCGAAATTATACACATGACTGAAGGAGGTCGTCGTCCTCCTCCCTGCCGGGTTACGTCA 121 CCCGAAATTATACACATGACTGAAGGAGGTCGTCGTCTCTCCCTGCCGGGTTACGTCA 181 CCTAACATCATACTTTAAAAAAGTTTCCACTTGACCTTTTCCTGCCGGGTTACGTCA 181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACCTTTGATCCCTGATGGAAA 181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAA 181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTTGACCCTGATGGAAA 181 CCTAACATCGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACGTACAAAGAAATA 182 CGCATAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAATGCAACGAAAATA 183 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTACA 184 CATCGACAAACCAATACAATGATGGGTTCTGAGGTTCTGTGAATTGAAATTGAATTGAATAAAAACTATCAAACTA 185 CATCGACAAACCAATACAATGATGGGTTCTGAGGTTCTATGAATTGAAATTGAAATTGAATGAA |

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Sequence 3, Application US/10909011
; Sequence 3, Application WS/10909011
; Publication No. US20050112061A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: George Yancopoulos
; APPLICANT: Adam P. Dicker
; APPLICANT: Adam P. Dicker
; APPLICANT: Radidy Burd
; TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
; TILE REFERENCE: REG 716A
; TILLE REFERENCE: REG 716A
; TILLE OF INVENTION: UNMBER: 60/492,864
; FILE REFERENCE: SEQ 1D NOS: 4
; SOFTWARE: FastSEQ for Windows Version 4.0
; SOFTWARE: FastSEQ for Windows Version 4.0
; SOFTWARE: FastSEQ for Windows Version 4.0
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100.0%; Score 1377;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1377; Conservative 0; Mismatches
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ORGANISM: homo sapiens
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llarity 100.0%; Pred. No. 0;
Conservative 0; Mismatches
CURRENT FILING DATE: 2004-06-29
PRIOR APPLICATION NUMBER: 10/609,775
PRIOR FILING DATE: 2003-06-30
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 1377
                                                                                                               ; TYPE: DNA
; ORGANISM: homo sapiens
US-10-880-021-9
                                                                                                                                                                                            Similarity
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Best Local Simi:
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APPLICANT: Wiegand, Stanley
APPLICANT: Wiegand, Stanley
APPLICANT: Wiegand, Stanley
APPLICANT: Papadopoulos, Micholas J.
APPLICANT: Yancopoulos, George
TITLE OF INVENTION: Modified Chimeric Polypeptides with Improved Pharmacokinectic Pro
TITLE OF INVENTION: and Methods of Making and Using Thereof
TITLE OF INVENTION: and Methods of Making and Using Thereof
CURRENT APPLICATION NUMBER: US/10/988,243
CURRENT APPLICATION NUMBER: US/10/09,852
PRIOR APPLICATION NUMBER: CT/US00/14142
PRIOR APPLICATION NUMBER: CT/US00/14142
PRIOR APPLICATION NUMBER: 60/138,133
PRIOR PILING DATE: 1999-06-08
NUMBER OF SEQ ID NOS: 35
SOPTWARE: FREEERQ for Windows Version 4.0
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                                                                                                                                                                RESULT 8
US-10-988-243-15
Sequence 15, Application US/10988243
Publication No. US20050175610A1
GENERAL INFORMATION:
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                              GGCCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAACTATCTACA
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PRIOR APPLICATION NUMBER: US/10/009,852
PRIOR FILING DATE: 2001-12-06
PRIOR FLLING DATE: 2001-12-06
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 1999-06-08
PRIOR FILING DATE: 1999-06-08
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 15
LENGTH: 1377
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Matches 1377; Conservative
                                                                                                                 ; TYPE: DNA
; ORGANISM: Homo sapiens
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; LOCATION: (1)...(1374)
US-11-016-097-15
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Publication No. US20050163798A1

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVENTION: MODIFIED CHIMMERC POLYPEPTIDES WITH IMPROVED

TITLE OF INVENTION: PHARMACOKINETIC PROPERTIES AND METHODS OF MAKING

TITLE OF INVENTION: AND USING THEREOF

FILE REFERENCE: REG 710-A-US

CURRENT APPLICATION NUMBER: US/11/016,097

CURRENT FILING DATE: 2004-12-17
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US-11-016-097-15
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                                                                    GACCCTGAGGTCAAGTTCAACTGGTACGTGGACGCGTGGAGGTGCATAATGCCAAGACA
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Fublication No. US20030017977A1
Fublication No. US20030017977A1
GENERAL INFORMATION.
TITLE OF INVENTION BETHOOS FOR TREATING INFLAWMATORY SKIN DISEASES
TITLE OF INVENTION WHERE US/09/773,877A
CURRENT APPLICATION UNMBER: US/09/773,877A
CURRENT FILING DATE: 2001-01-31
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
SEQ ID NO 21
LENGTH: 1453
TYPE: DNA
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Pred. No. 0;
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Best Local Similarity 98.6%;
Matches 1367; Conservative (
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LOCATION: (69)
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                                                                                                                                                                                                                                                               Sequence 7, Application US/10609775
; Publication No. US20040014667A1
; GENERAL INFORMATION:
    APPLICANT: Thomas J. Daly
; APPLICANT: James P. Fandl

APPLICANT: James P. Fandl

APPLICANT: Nicholas J. Papadopoulos
    TITLE OF INVENTION: USEF TRAPS AND THERAPEUTIC USES THER
    FILE REFERENCE: REG 710D
    CURRENT APPLICATION NUMBER: US/10/609,775
    CURRENT FILING DATE: 2003-06-30
    PRIOR APPLICATION NUMBER: PCT/US00/14142
    PRIOR APPLICATION NUMBER: EC/138,133
    PRIOR RILING DATE: 2000-05-23
    PRIOR FILING DATE: 1999-06-08
    NUMBER OF SEQ ID NOS: 25
    SOFTWARE: FastSEQ for Windows Version 4.0
    IRNORD 1.15N/CTUD. 1.15N/CTUD. 1.15N/CTUD. 1.15N/CTUD. 1.15N/CTUD. 1.15N/CTUD. 1.100
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Pred. No. 0;
0; Mismatches
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Best Local Similarity 98.6%;
Matches 1367; Conservative (
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Sequence 1, Application US/10909011
; Bublication No. US20050112061A1
; Publication No. US20050112061A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: George Yancopoulos
; APPLICANT: Phyllis R. Wachsberger
; APPLICANT: Phyllis R. Wachsberger
; APPLICANT: Randy Burd
; TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
; FILE REFERENCE: REG 716A
; CURRENT APPLICATION NUMBER: US/10/909,011
; CURRENT FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: 60/492,864
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH. 1453
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RESULT 14

US-10-988-243-11

Sequence 11, Application US/10988243

Publication No. US20050175610A1

GENERAL INFORMATION:
APPLICANT: Wiegand, Stanley
APPLICANT: Papadopoulos, Unicholas J.
APPLICANT: Papadopoulos, George
TITLE OF INVENTION: And Methods of Making and Using Thereof
FILE REPERENCE: REG 710F
CURRENT APPLICATION NUMBER: 10/109,862
FILE REPERENCE: ROJULI-12
FRIOR APPLICATION NUMBER: 10/009,852
FRIOR FILING DATE: 2000-11-20
FRIOR FILING DATE: 2000-05-23
FRIOR FILING DATE: 2000-05-23
FRIOR FILING DATE: 1999-06-08

NUMBER OF SEQ ID NOS: 35
SEQ ID NO 11

SEQ ID NO 
 1320 TATAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGAGAACGTCTTCTCATGCTCC 1379
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Publication No. US20050163798A1

GENERAL INFORMATION:

APPLICANT: Nicholas J. Papadopoulos et al.

TITLE OF INVENTION: PHARMACOKINETIC PROPERTIES AND METHODS OF MAKING

TITLE OF INVENTION: AND USING THEREOF

TITLE OF INVENTION: AND USING THEREOF

TITLE OF INVENTION WHER: US/11/016,097

CURRENT APPLICATION NUMBER: US/11/016,097

CURRENT APPLICATION NUMBER: US/10/009,852

PRIOR APPLICATION NUMBER: PCT/US00/14142

PRIOR FILING DATE: 2001-12-06

PRIOR PILING DATE: 1999-06-08

NUMBER OF SEQ ID NOS: 38

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 1453
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| TCTGTTGGAGAAAAGCTTGTCTTAAATTGTACAGCAAGAACTGAACTAAATGTGGGGA | GACTICAACTGGGAATACCCTTCTTCGAAGCATCAGCATAAGAAACTTGTAAACCGAGAC | CTAAAAACCCAGTCTGGGAGTGAGATGAAATTTTTGAGCACCTTAACTATAGATGGT | GIAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGGTGATGACCAAG | aagaacagcacatttgtcagggtccatgaaaaggacaaaactcacatgc | CCACCGTGCCCAGCACCTGAACTCCTGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAAA | CCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGTGGTGTGTGT | AGCCACGAAGACCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGGGTGCATAAT | GCCAAGACAAAGCCGCGGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCTC | accencigeaccaggactggctgaatggcaaggagtacaagtggaaggtctccaacaaa | GCCTCCCAGCCCCATCGAGAAACCATCTCCAAAGCCAAAGGGAGCCCCGAGAACCA | CAGENGTACACCCTGCCCCATTCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC | TGCCTGGTCAAAGGCTTCTATCCCAGGGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGG | CCGGAGAACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCTC | TACAGCAAGCTCACCGTGGACAAGAGCAGCTGGCAGCAGGAGGACGTCTTCTCATGCTCC | GTGÅTGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGT | |
| TCTGTTGGAGAAA | GACTTCAACTGGG | CTAAAAACCCAGT | GTAACCCGGAGTG GTAACCCGGAGTG | AAGAACAGCACAT' AAGAACAGCACAT' | CCACCGTGCCCAG | CCCAAGGACACCC CCCAAGGACACCC | AGCCACGAAGACC AGCCACGAAGACC | GCCAAGACAAAGC | ACCGTCCTGCACC | GCCTCCCAGCCC GCCTCCCAGCCC | CAGGTGTACACCC CAGGTGTACACCC | TGCCTGGTCAAAG TGCCTGGTCAAAG | CCGGAGAACAACTI CCGGAGAACAACTI | TACAGCAAGCTCA(| GTGATGCATGAGG GTGATGCATGAGG | aaatga 1377 Aaatga 1445 |
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